# ABSTRACT OF THE DISCLOSURE

A system and method for providing secure exchange of messages between peers in peer groups. Embodiments may be used to provide secured sessions between peers in the peer-to-peer network. Embodiments may also be used to provide secured group sessions among a plurality of peers. A first peer may generate and send a public key to a second peer. The second peer may generate a session key from the public key. The second peer may send the session key to the first peer, or alternatively to two or more peers in a group session. The session key may be secured when sending. Messages and/or other data exchanged between the two peers may be encrypted and decrypted using the session key.